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REFRIGERATOR - FREEZER

INSTRUCTION MANUAL

APPLICABLE MODEL: **KR900X**

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WARNING NOTICES

Before using this product, please read this manual carefully and keep it for future reference. The design and specifications are subject to change without prior notice for product improvement. Consult with your dealer or manufacturer for details. The diagram above is just for reference. Please take the appearance of the actual product as the standard.

BEFORE SWITCHING ON THE APPLIANCE FOR THE FIRST TIME READ THE FOLLOWING SAFETY HINTS!

- This appliance is intended to be used in household and similar residential applications and is specifically certified for residential use. Warranty is void when the product is installed in common areas where more than a single party has rightful access to its use or in locations considered beyond normal residential use.
- Warranty does not apply to products installed or used in commercial or non-residential applications. Examples of excluded applications include, but are not limited to kitchen areas in shops, offices and other working environments, daycare centers, schools, bed and breakfast centers, churches, private clubs, fire stations, club houses, common areas in multi-family dwellings, restaurants, bakeries, hotels, nursing homes, food service locations, catering and similar non-retail applications and institutional food service locations or any similar institutional or commercial activity.
- The warranty does not cover deterioration of the product's appearance, or any cosmetic part such as paint, porcelain, glass, dents, scratches, chips, rust or peeling.
For more information please visit: www.kucht.com/online/warranty/

EXPLANATION OF TERMS/SYMBOLS

	DANGER This symbol indicates that there are dangers to the life and health of persons due to extremely flammable gas.
	WARNING The signal word indicates a hazard with a medium level of risk which, if not avoided, may result in death or serious injury.
	CAUTION The signal word indicates a hazard with a low degree of risk which, if not avoided, may result in minor or moderate injury.
	ATTENTION The signal word indicates important information (e.g. damage to property), but not danger.

• IMPORTANT:

Pay particular attention to messages that contain the words **DANGER**, **WARNING** or **CAUTION**. These words are used to alert you to a potential hazard that can seriously injure you and others. The instructions will tell you how to reduce the chance of injury and let you know what can happen if the instructions are not followed.

• ATTENTION:

These operating instructions are general. This means that certain functions apply to your refrigerator/freezer, while others do not. We are constantly working on the further development and improvement of our appliance types and models. Therefore, we reserve the right to make changes to the design, equipment and accessories of all types and models without prior notice.

| IMPORTANT SAFETY INSTRUCTIONS

READ AND SAVE THESE INSTRUCTIONS!



WARNING: Risk of fire / Flammable material

DANGER Risk of fire or explosion. Flammable refrigerant used. Do not use mechanical devices to defrost refrigerator. Do not puncture refrigerant tubing.

DANGER Risk of fire or explosion. Flammable refrigerant used. To be repaired only by trained service personnel. Use only manufacturer authorized service parts. Any repair equipment used must be designed for flammable refrigerants. Follow all manufacturer repair instructions. Do not puncture refrigerant tubing.

WARNING

GENERAL SAFETY

- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- The appliance has to be unplugged after use and before carrying out user maintenance on the appliance.
- **WARNING:** Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- **WARNING:** Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- **WARNING:** Do not damage the refrigerant circuit.
- **WARNING:** Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- **WARNING:** Please abandon the refrigerator according to local regulators for its use of flammable blowing gas and refrigerant.
- **WARNING:** When positioning the appliance, ensure the supply cord is not trapped or damaged.
- **WARNING:** Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Do not use extension cords or ungrounded (two prong) adapters.
- To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.
- The refrigerator must be disconnected from the source of electrical supply before attempting the installation of accessory. Ensure that the power cable is not trapped by the refrigerator. Do not step on the power cable.
- For a freestanding appliance: This refrigerating appliance is not intended to be used as a built-in appliance.

CAUTION

DAILY USE

- Do not pull the power cord when pulling the power plug of the refrigerator.
Please firmly grasp the plug and pull out it from the socket directly.
- To ensure safe use, do not damage the power cord or use the power cord when it is damaged or worn.
- Please use a dedicated power socket and the power socket shall not be shared with other electrical appliances.
- The power plug should be firmly contacted with the socket or else fires might be caused.
- Please ensure that the grounding electrode of the power socket is equipped with a reliable grounding line.
- Please turn off the valve of the leaking gas and then open the doors and windows in case of leakage of gas and other flammable gases.
- Do not unplug the refrigerator and other electrical appliances considering that spark may cause a fire.
- Do not use electrical appliances on the top of the appliance, unless they are of the type recommended by the manufacturer.
- The gaps between refrigerator doors and between doors and refrigerator body are small, be noted not to put your hand in these areas to prevent from squeezing the finger. Please be gentle when close the refrigerator door to avoid falling articles.
- Do not pick foods or containers with wet hands in the freezing chamber when the refrigerator is running, especially metal containers in order to avoid frostbite.
- Do not allow any child to get into or climb the refrigerator; otherwise suffocation or falling injury of the child may be caused.
- Do not place heavy objects on the top of the refrigerator considering that objectives may fall when close or open the door, and accidental injuries might be caused.
- Do not put flammable, explosive, volatile and highly corrosive items in the refrigerator to prevent damages to the product or fire accidents.
- Do not place flammable items near the refrigerator to avoid fires.
- The refrigerator is intended for household use, such as storage of foods; it shall not be used for other purposes, such as storage of blood, drugs or biological products, etc.
- Do not store beer, beverage or other fluid contained in bottles or enclosed containers in the freezing chamber of the refrigerator; or otherwise the bottles or enclosed containers may crack due to freezing to cause damages.

WARNING

- Connect to potable water supply only. (Suitable for ice cube maker) (*)
- To prevent children from being entrapped, the keys must be keep out of reach of children and not in the vicinity of chest freezer (or refrigerator) (suitable for products with locks) (*)

(*): This feature varies depending on the model purchased.

WARNING

State of California Proposition 65 Warnings:

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and bisphenol A (BPA) and lead which are known to the state of California to cause birth defects or other reproductive harm. For more information go to **www.P65Warnings.ca.gov**.

CAUTION

To avoid contamination of food, please respect the following instructions:

- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Clean water tanks if they have not been used for 48h; flush the water system connected to a water supply if water has not been drawn for 5 days. (*)

WARNING

- **WARNING:** Fill with potable water only. (*)
- **WARNING:** Connect to potable water supply only. (Suitable for ice making machine) (*)

(*): *This feature varies depending on the model purchased.*

CAUTION

This product is not recommended for use with sockets or main switch with the A/GFCI function, otherwise it may cause false tripping.

1. It's not supposed to be a safety risk when tripped.
2. If tripping persists, it is recommended to replace the sockets or main switch without A/GFCI function.

WARNING

Risk of child entrapment. Before you throw away your old refrigerator or freezer:

- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.

| ENVIRONMENTAL PROTECTION

Disposing of old electrical devices in an environmentally-friendly manner

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer, and bisphenol A (BPA) and lead which are known to the state of California to cause birth defects or other reproductive harm. For more information go to **www.P65Warnings.ca.gov**.



This crossed-out wheeled bin symbol indicates that waste electrical and electronic products (WEEE) should be disposed of separately from the municipal waste stream.

Old electrical products can contain hazardous substances so correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health. Your old appliance may contain reusable parts that could be used to repair other products, and other valuable materials that can be recycled to conserve limited resources.

CAUTION

Refrigerant and cyclopentane foaming material used for the refrigerator are flammable. Therefore, when the refrigerator is scrapped, it shall be kept away from any fire source and be recovered by a special recovering company with corresponding qualification other than be disposed by combustion, so as to prevent damage to the environment or any other harm.

PACKAGE INFORMATION

Packaging materials of the product are manufactured from recyclable materials in accordance with our National Environment Regulations. Do not dispose of the packaging materials together with the domestic or other wastes. Take them to the packaging material collection points designated by the local authorities.

| INSTALLATION INSTRUCTIONS

Before first use

Remove the exterior and interior packing, wipe the outside thoroughly with a soft dry cloth and the inside with a wet, lukewarm cloth.

Avoid placing the cabinet in a narrow recess or near any heat source, direct sunlight, or moisture.

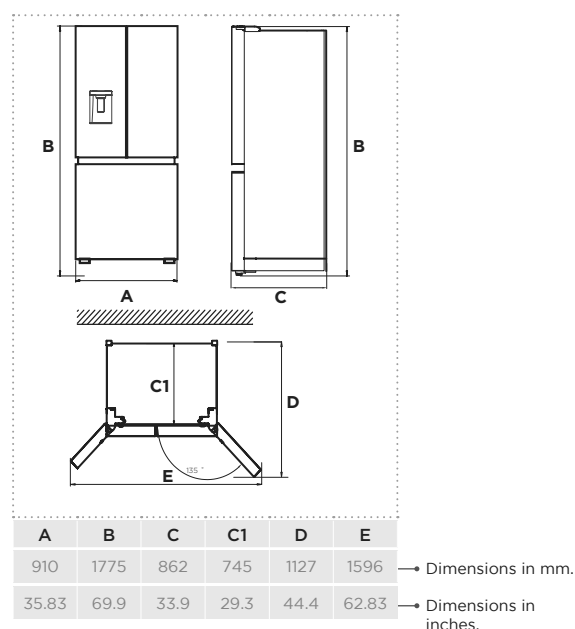
Keep the air circulation free around the cabinet. When installing the unit, ensure 3.5inches of free space at both sides, 3.5inches at the top of the unit and not more than 2.9inches at the rear of the unit.

Before connecting your refrigerator to the power supply, check that the voltage stated on the rating label of your appliance corresponds to the voltage in your home.

A different voltage could damage the appliance.

The appliance must be grounded. The manufacturer is not responsible for damages that may occur as a result of usage without grounding.

Space requirement diagram



Providing a proper power supply

Check your local power source. This refrigerator requires a AC115 V, 60 Hz power supply.

Use a receptacle that accepts the grounding prong. The power cord is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this refrigerator.

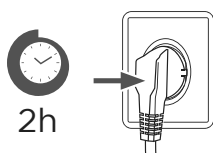
If you have any doubts regarding installation, please turn to the vendor, to our customer service or to the nearest Authorised Service Centre.

CAUTION

The refrigerator should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate. When positioning the appliance, ensure the supply cord is not trapped or damaged.

CONNECTING THE APPLIANCE

After installing the product, please let it stay for more than 2 hours before turning on the power, otherwise it will lead to a decrease in cooling capacity or a damage to the product.



Allow the appliance to run empty for 24 hours so the compartment can cool to the appropriate temperature.

ATTENTION

The cooling performance and power consumption of the refrigerator may be affected by the ambient temperature, the door-opening frequency, and the location of the refrigerator. We recommend adjusting the temperature settings as appropriate.

INSTALLING THE WATER LINE

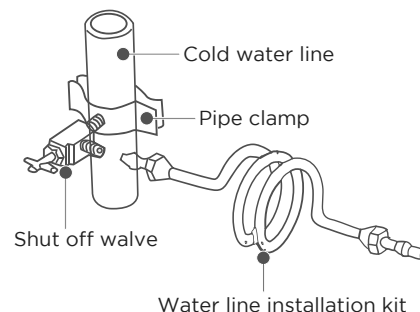
WARNING: Connect to potable water supply only.

Water line installation kits are available as an additional accessory from your dealer or at a local hardware store.

Connecting to the water supply line

1. First, shut off the main water supply line and turn the ice-maker off.
2. Locate the nearest cold water supply valve.
3. After connecting the water supply to the water valve, turn your main water supply back on and flush several gallons of water to clear the water supply line.

- **The minimum inlet water pressure: 276 kPa / 40 psi**
- **The maximum inlet water pressure: 689 kPa / 99.9 psi**

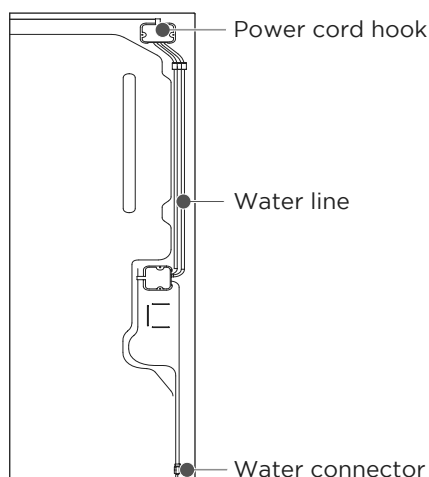


Connecting the water line to the refrigerator.

There are several items that you need to purchase to complete this connection.

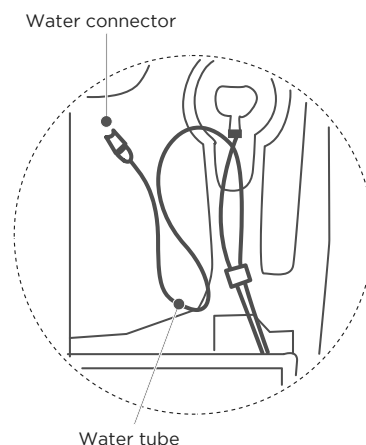
You will find these items sold as a kit at your local hardware store.

1. First, water tubes (supplied) insert into corresponding hole of water connector (supplied).
2. Second, water line installation kit (not included) inserts into another hole of water connector (supplied).
3. Turn water valve on and check for any leakage.
4. When moving the refrigerator, you can hang the power cord on the power cord hook.



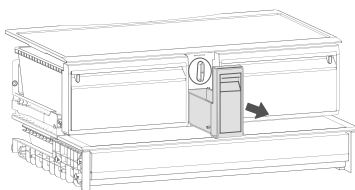
Connecting the water line to a drinkable water source

If your water line is NOT drinkable, please add an external water filter.
If you must repair or disassemble the water line, cut off the plastic tubing to make sure you get a snug, leak-free connection.

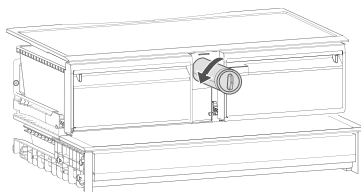


INSTALLING FILTER

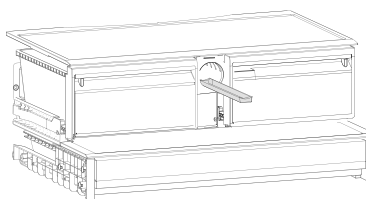
1. Pull put the small drawer in the middle.



2. Press the filter knob and rotate 90° counterclockwise, the filter will disengage from the connector and the filter can be removed.



3. Check the water tray under the strainer with your finger, take out and dump the overflow water.



LEVELING FEET

To avoid vibration, the appliance must be leveled.

If required, adjust the leveling feet to compensate for the uneven floor.

The front should be slightly higher than the rear to aid in door closing.

Leveling feet can be turned easily by tipping the cabinet slightly.

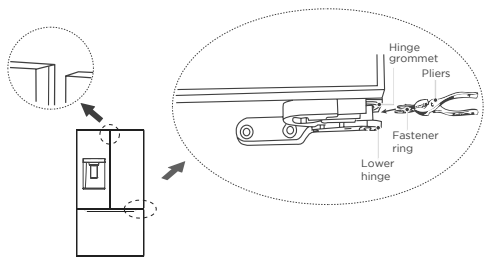
Turn the leveling feet counter clockwise  to raise the unit, clockwise  to lower it.

LEVELLING DOORS

If the doors are not at the same height, the door can be adjusted with a spanner.

1. Raise the lower door up to the level of the higher door.

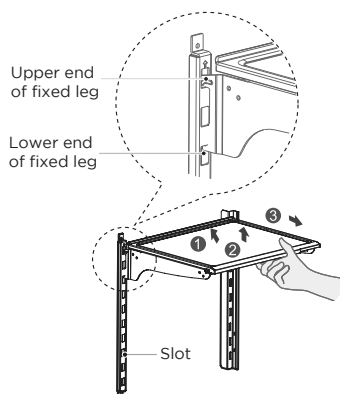
2. Insert the supplied fastener-ring by using plier in the gap between the hinge-grommet and the lower hinge. The number of fasten-rings you will need to insert depends on the gap.



ADJUSTMENT OF CANTILEVER RACK

Please adjust the cantilever rack by following the arrows as shown in the diagram.

1. Raise it upward first and then take it out by tilting it upward.
2. During installation, put the upper end of the fixed leg into one of the upper slots on the supporting iron first.
3. And then put the lower end of the fixed leg into the third slot on the lower part of the supporting iron.



ATTENTION

The cantilever rack could be adjusted to the proper height as required by food.

CHANGING THE LIGHT

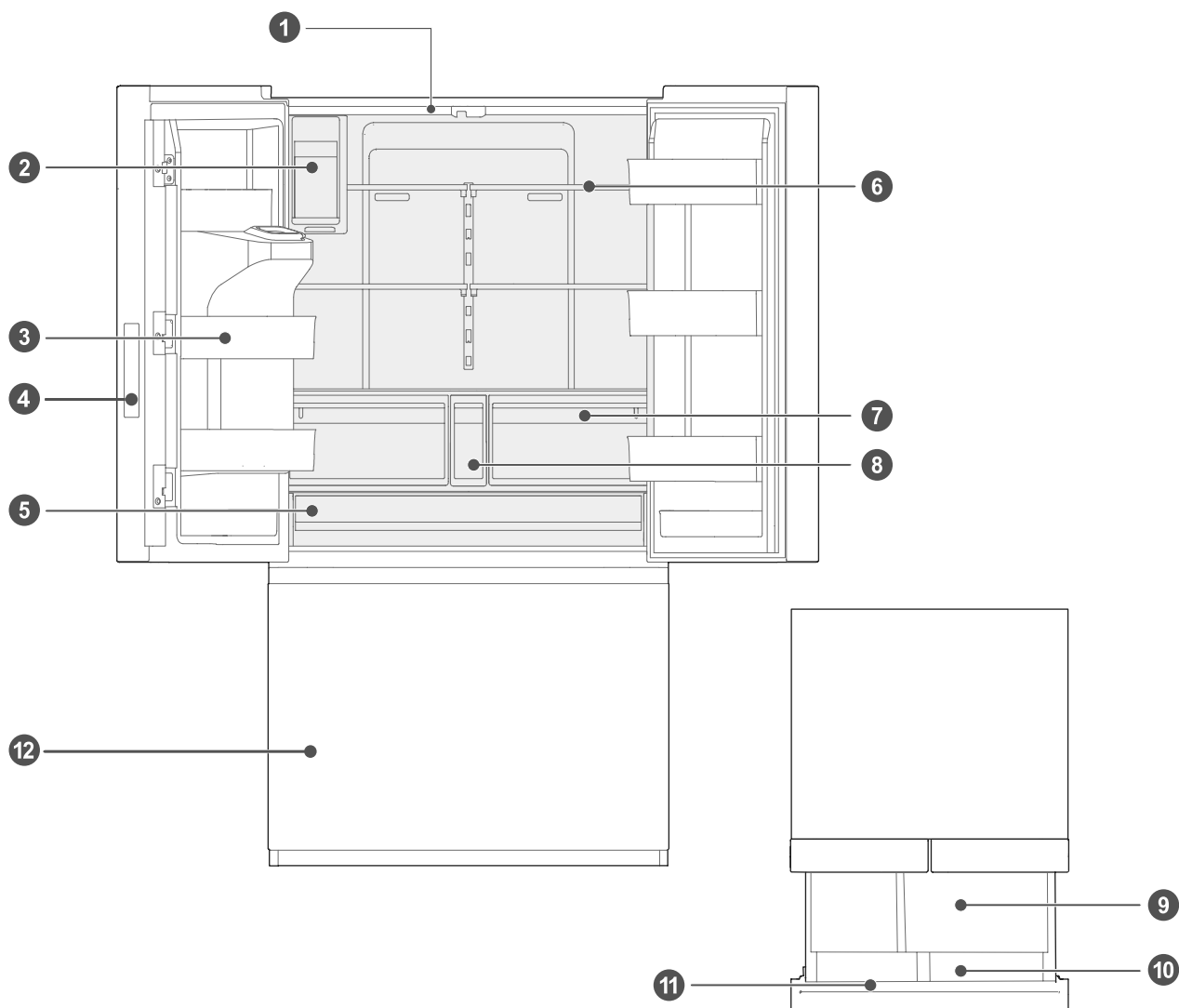
Any replacement or maintenance of the LED lamps is intended to be made by the manufacturer, its service agent or similar qualified person.

TIPS FOR ENERGY SAVING

- Do not place the appliance near cookers, radiators or other heat sources. If the ambient temperature is high, the compressor will run more frequently and for longer, resulting in increased energy consumption.
- Ensure that there is sufficient ventilation at the base of the appliance, on the sides of the appliance and at the back of the appliance.
- Please also observe the spacing dimensions in the chapter "Installation".
- The arrangement of drawers, shelves and trays as shown in the product overview offers the most efficient use of energy and should be retained as far as possible.
- To obtain a larger storage space (e.g. for large refrigerated/frozen goods), the middle drawers and shelves can be removed. The top and bottom drawers and shelves should be removed last if necessary.
- An evenly filled refrigerator/freezer compartment contributes to optimal energy use.
- Allow warm food to cool before placing it in the refrigerator/freezer compartment. Food that has already cooled down increases energy efficiency.
- Allow frozen food to defrost in the refrigeration compartment. The coldness of the frozen food reduces the energy consumption in the refrigerator compartment and this increases the energy efficiency.
- Open the door only as briefly as necessary to minimise cold loss. Opening the door briefly and closing it properly reduces energy consumption.
- Setting the temperature no colder than necessary contributes to optimal energy use.
- The door gaskets of your appliance must be perfectly intact so that the doors close properly and energy consumption is not increased unnecessarily.

| PRODUCT OVERVIEW

PARTS AND FUNCTIONS



1. Led light

2. Ice maker

3. Door tray

4. Control panel

5. Big drawer

6. Shelf

7. Crisper drawer

8. Small drawer

9. Upper freezer drawer

10. Lower freezer drawer

11. Freezer tray

12. Freezer drawer

- For the most efficient use of energy, please keep the all internal items such as trays, drawers, shelves and ice cube box on the position supplied by manufacturer.
- This refrigerating appliance needs to be installed independently and cannot be used as a built-in. Otherwise, it will cause problems such the performance and life of the appliance are reduced. And the manufacturer does not provide basic appliance warrant.

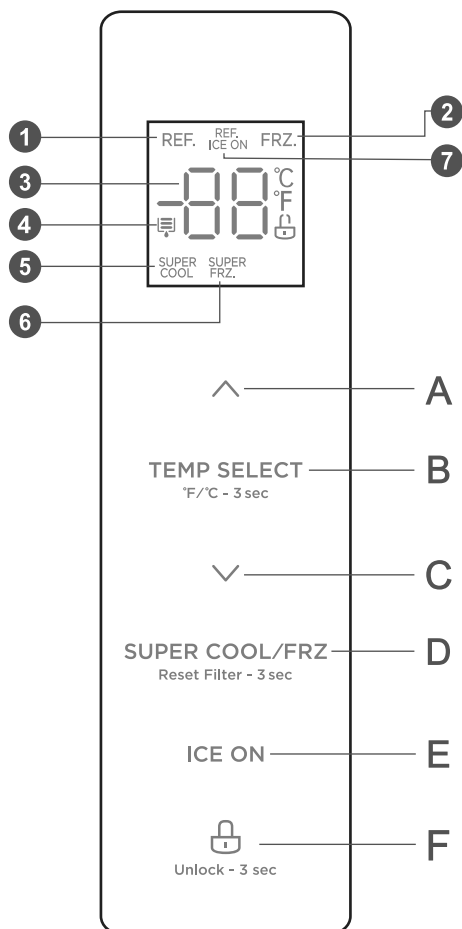
ATTENTION

Differences: Due to technical changes and different models, some of the illustrations in this manual may differ from your model.

| OPERATION INSTRUCTIONS

USE AND FUNCTIONS

Feature panel



Display




- 1. Refrigerating
- 2. Freezer
- 3. Temperature display
- 4. Filter replacement reminder
- 5. Super cool
- 6. Super freeze
- 7. Refrigerating ice on








Button

- A. Temperature up
- B. Temperature zone selection
- C. Temperature down
- D. Super cool/Super freeze
- E. Ice maker
- F. Lock/Unlock

ATTENTION

The actual control panel may differ from model to model.

Function	Settings and Status
Display	<ul style="list-style-type: none"> When electrify the refrigerator, the display screen will totally display for 3 seconds, meanwhile the starting up bell rings, then the display screen enters the normal display of operation. (If power on for first time, the default set temperature of the refrigerator room and the freezer room is 39°F/ 0°F). It will display the set temperature of both refrigerator and freezer rooms when there is no fault. Under normal circumstances, the display light will go out after 30 seconds in lock state, button operation on display panel would wake up the display screen; if the opening door action wakes up the display screen, the display light would go out immediately when the door is closed; when the "fault code visible" type of fault occurs, the display screen lights up, and will go out after 30 seconds.
Lock/Unlock	<ul style="list-style-type: none"> In the unlock state, press and hold the button " for 3 seconds to enter the lock state and the buzzer sound rings. In the lock state, press and hold the button " for 3 seconds to enter the unlock state and the buzzer sound rings. It will enter the lock state if there is no opening door action or any buttons operation within 30 seconds. The alarm sound can be stopped by pressing any one button in lock state, but all other button operations need to be performed in unlock state.
Refrigerator temperature setting	<ul style="list-style-type: none"> Click the button "TEMP SELECT" <small>F/C - 3 sec</small> to change the set temperature of refrigerator room, each time click the "v" or "^", the set temperature will drop 1°F or will rise 1°F. The temperature setting will take effect after the display panel is locked. Long press the "SUPER COOL/FRZ" <small>Reset Filter - 3 sec</small> and " 4s to close or open the cold storage room.
Freezer temperature setting	<ul style="list-style-type: none"> Click the button "TEMP SELECT" <small>F/C - 3 sec</small> to change the set temperature of freezer room, each time click the "v" or "^", the set temperature will drop 1°F or will rise 1°F. The temperature setting will take effect after the display panel is locked.
Mode setting	<ul style="list-style-type: none"> Press the "SUPER COOL/FRZ" <small>Reset Filter - 3 sec</small> button to start the super cool function. The refrigerator room is set at 34°F automatically, and the "SUPER COOL" icon shines. When exit the super cool mode, the set temperature of refrigerator room will go back to the set temperature before super cool mode. Press the "SUPER COOL/FRZ" <small>Reset Filter - 3 sec</small> button to start the super freeze function. The freezer room is set at -7°F automatically, and the "SUPER FRZ." icon shines. When exit the super freeze mode, the set temperature of freezer room will go back to the set temperature before super freeze mode. Press the switch button "ICE ON" to set/cancel the function of the ice maker. When the function setting of the ice maker is effective, the indicator light of the ice maker will be on, otherwise it will be off.
Filter element time reset	<ul style="list-style-type: none"> Hold down "SUPER COOL/FRZ" <small>Reset Filter - 3 sec</small> for 3 seconds to perform the "RESET FILTER" function. At this time, the FILTER working data is cleared.
Sabbath mode	<ul style="list-style-type: none"> Press simultaneously the "TEMP SELECT" <small>F/C - 3 sec</small> and "SUPER COOL/FRZ" <small>Reset Filter - 3 sec</small> for 3s to enter or exit the Sabbath mode. 6s after entering the Sabbath mode lock, the display goes out, the buzzer does not sound, the door opening lamp does not light up, and the distributor only displays the selected function in low brightness.
Celsius transformation	<ul style="list-style-type: none"> Long press the "TEMP SELECT" <small>F/C - 3 sec</small> 3s to achieve Celsius Fahrenheit conversion function.

Function	Settings and Status
Anti-condensation heating element on/off mode	<ul style="list-style-type: none"> Press the “” and “” for 4 seconds, the Fahrenheit icon flashes, and then press the button “”, and the anti-condensation heating wire shutdown function is successfully set. Under the above settings, unlock and enter again, continue to press the “” and “” for 4s, the Fahrenheit icon no longer flashes, press the button to release the anti-condensation heating element off function.
Open door prompt sound switch	<ul style="list-style-type: none"> At the same time, press “” and “” button 4s, close or open the door prompt tone.

ATTENTION

If the rear door is not closed after power-on, the APP or machine will give an alarm, call three times after exceeding 2 minutes, and then add one alarm every 1 minute.

Fault indication

When the following tips to appear on the display screen, it indicates a problem with the refrigerator. Although the refrigerator in the following fault case can still provide cool/freeze functions, but the user should contact maintenance personnel, ensure the normal use of refrigerator.

Fault code	Fault Description
E1	Temperature sensor failure of refrigerator room
E2	Temperature sensor failure of freezer room
E5	Defrost sensor error of freezer room
E6	Communication error
E7	Ambient temperature sensor error
EH	The humidity sensor fails
F4	The sensor at the bottom of refrigerating ice maker fails
F5	Refrigerating ice maker fails to turn over ice
F6	Initialization fault of refrigerating ice maker
CC	The defrosting sensor in ice maker chamber fails
C9	The sensor in ice making chamber fails
CA	The communication between main control board and ice making board fails

FETCHING WATER AND ICE

Sounds will be produced during making ice cubes and crushed ice: water valve will produce buzzing sounds; water's flowing into ice vessel will produce sounds; grinding machine's grinding ice into small pieces or product ice's falling into the container will produce sounds. Scratching noises may be produced when taking out the ice cubes. Nothing to worry about this. The sounds are normal.

The ice in the container may be stuck together. In such cases, please take out the ice container and separate stuck ice into pieces by means of, for instance, using plastic or wooden spoons to push hard on the ice carefully.

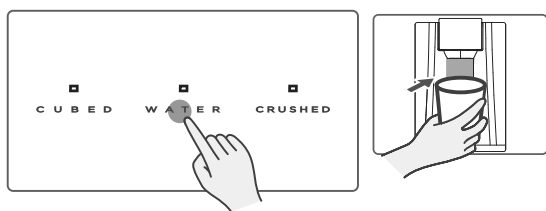
Please fetch the ice from the ice container if you need a lot of ice.

To prevent ice smell or bad taste of the ice, please clean the ice container regularly.

Ice and water can only be fetched when the door closed.

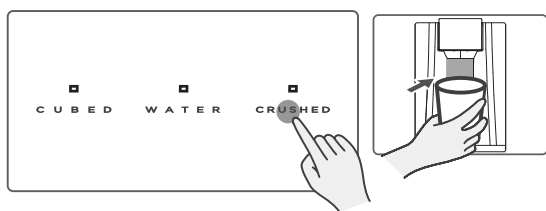
The ice/water dispenser is located on the outside of refrigerating chamber door. It offers a choice of cubed or crushed ice, or cold water. The dispenser only works when the refrigerating chamber door is closed.

Fetching cold water



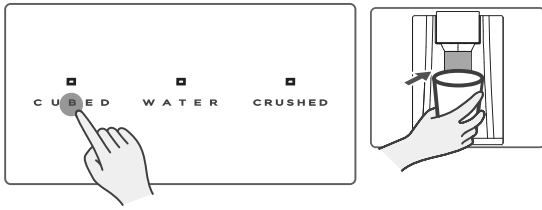
- Keep pressing the buttons **WATER** until the indicator turns on.
- Push the container in the direction of fetching water cushion, cold water starts to flow into the container.
- Remove the container from fetching water cushion and end the exporting of water.

Fetching crushed ice



- Keep pressing the buttons of **CRUSHED** until the signal turns up.
- Make the container tight with mouth of water dispenser to prevent the side jet.
- Press the container in the direction of fetching water cushion. Fill the container with crushed ice.
- Remove the container from fetching water cushion and end the exporting of water.

Fetching ice cubes



- Keep pressing the button **CUBED** until the signal lights up.
- Push the container in the direction of fetching water cushion.
- Ice cubes start to fall into the container.
- Remove the container from fetching water cushion and end the exporting of ice.

ATTENTION

Differences: Due to technical changes and different models, some of the illustrations in this manual may differ from your model.

STORING FOOD

Freezer compartment

The freezer compartment is designated for the low-temperature freezing of food, long-term storage of frozen food, and for the production of ice cubes.

Pay attention to the star classifications (4 star, 2 star and 1 star) in the freezer compartment and the resulting storage periods for frozen food.

Do not put fresh and frozen food next to each other. The frozen food may thaw.

When freezing large amounts of fresh food (such as meat, fish or chopped meat), please divide them into several small pieces before putting in, so that they can be quickly frozen and pick up easily.

Abide by the storage times recommended by food manufacturers on the packages, there is no information on the packaging, food should not be stored frozen for longer than three months from the date of purchase.

When purchasing frozen food, make sure that it was frozen at a suitable temperature and that the packaging is not damaged.

Frozen food should be kept in suitable individual packages to ensure that adjacent food cannot be contaminated. Consume thawed and defrosted foods immediately, do not refreeze them.

In case of prolonged power failure or malfunction of the appliance, remove the stored frozen food and check whether they are still edible, then store them in a sufficiently cool place or in another appliance.

To defrost food, remove it from the freezer and let it defrost at room temperature or in the refrigerator. To defrost food quickly, you can use the defrost function on your microwave, for example.

If you only want to defrost part of a pack, remove the portion you need and immediately close the rest of the pack. In this way, you will avoid “freezer burn” and will reduce ice formation on the remaining foods.

Cooling compartment

To reduce moisture and subsequent ice build-up, never put liquid into the fridge compartment in unsealed containers. Frost tends to concentrate in the coolest parts of the evaporator. Storing uncovered liquids results in a more frequent need for defrosting.

Never put warm foods in the fridge compartment. These should first cool down at room temperature and then be placed so as to ensure adequate air circulation in the fridge compartment.

Foods or food containers should not touch the back wall of the fridge because they could freeze to the wall. Do not keep regularly opening the door of the refrigerator.

Meat and clean fish (packed in a package or plastic foil) can be placed in the fridge compartment, which can be used in 1-2 days.

Fruit and vegetables without packaging can be placed in the part designated for fresh fruit and vegetables.



ATTENTION

Storage of too much food during operation after the initial connection to power may adversely affect the freezing effect of the refrigerator.

Storage times and temperature

NOTE: Overlong storage or storage at inappropriate freezing temperature may cause a quality loss or spoiled foods, which causes food waste, is inedible and may cause food poisoning.

The minimum temperature in most cases should be -0.4°F or colder.

Follow the maximum recommended storage times below:

- Stew, ice cream, sausages, bread: 2-6 months.
- Fish, shrimp, lamb, meat: 4-8 months.
- Vegetables, fruits, poultry, beef: 6-12 months.

| MAINTENANCE AND CLEANING



CAUTION

Disconnect the appliance from the electrical supply before undertaking any routine maintenance.

Allow at least 5 minutes before restarting the appliance, as frequent starting may damage the compressor.

Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

Do not try to repair, disassemble or modify the appliance by yourself. In case of repair please contact our customer service.

Eliminate the dust on the back of the unit at least once in the year to avoid hazard by fire, as well as increased energy consumption.

Check the door gasket regularly to make sure there are no debris. Clean the door gasket with a soft cloth dampened with soapy water or diluted detergent.

The interior of the product should be cleaned regularly to avoid odor.

Use a soft cloth or sponge to clean the inside of the product, with two tablespoons of baking soda and a quart of warm water. Then rinse with water and wipe clean. After cleaning, open the door and let it dry naturally before turning on the power.

For areas that are difficult to clean in the product (such as narrow sandwiches, gaps or corners), it is recommended to wipe them regularly with a soft rag, soft brush, etc. and when necessary, combined with some auxiliary tools (such as thin sticks) to ensure no contaminants or bacterials accumulation in these areas.

Wipe the outer surface of the product with a soft cloth dampened with soapy water, detergent, etc. and then wipe dry.

Do not use hard brushes, clean steel balls, wire brushes, abrasives (such as toothpastes), organic solvents (such as alcohol, acetone, banana oil, etc.) boiling water, acid or alkaline items, which may damage the fridge surface and interior. Boiling water and organic solvents such as benzene may deform or damage plastic parts.

Do not rinse directly with water or other liquids during cleaning to avoid short circuits or affect electrical insulation after immersion.



Defrosting

Although this appliance automatically defrosts, a layer of frost may occur on the freezer compartment's interior walls if the freezer door is opened frequently or kept open too long. If the frost is too thick, choose a time when the supply of food stocks are low and proceed as follows:

1. Remove existing food and accessories baskets, unplug the appliance from the mains power and leave the doors open. Ventilate the room thoroughly to accelerate the thawing process.
2. When defrosting is completed, clean your freezer as described above.

CAUTION! Don't use sharp objects to remove frost from the freezer. Only after the interior completely dry should the appliance be switched back on and plugged back into the mains socket.



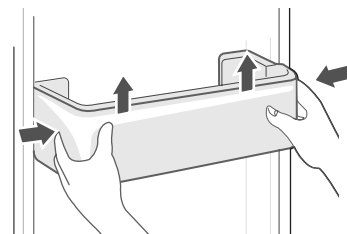
ATTENTION

The appliance shall run continuously once it is started. Generally, the operation of the appliance shall not be interrupted; otherwise the service life may be impaired.

Cleaning of door tray

According to the direction arrow in the figure below, use both hands to squeeze the tray, and push it upward, then you can take it out.

After washing the tray having been taken out, you can adjust its installing height in accordance with your requirement.



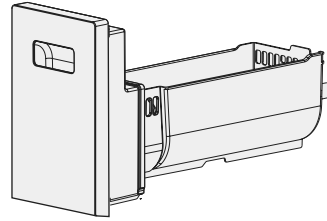
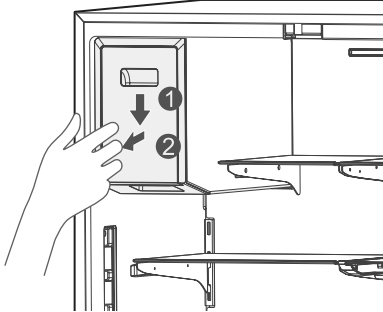
Cleaning the glass shelf

Regarding the information pertaining to cleaning of glass shelf. Thanks to refer to the paragraph **"Adjustment of cantilever rack"** of the manual.

Clean the ice storage box

Ice cubes in the ice container may block the outlet because of lumping or other reasons. In this case the ice container needs cleaning or eliminating the blockage.

1. Hold the button of the ice storage box with your hand, press it gently, and then pull it out horizontally;
2. Push the ice storage box in slightly after cleaning.



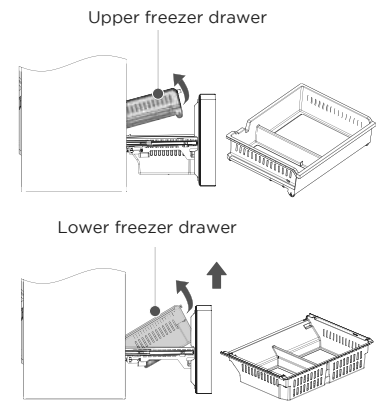
ATTENTION

Please remove the ice in time which falls in the ice making chamber during pulling out.

Cleaning of freezer drawer

Open the freezing chamber door to the maximum stroke, lift the tail of the upper drawer of the freezing chamber, take out the upper freezer drawer.

Open the freezing chamber door to the maximum stroke, lift the end of the lower freezer drawer and lift it up.



ATTENTION

NOTE: Don't remove the lower freezer drawer if not necessary.

TROUBLESHOOTING

The following simple issues can be handled by the user. Please call the after-sale service department if the issues are not solved.

Problem	Possible Causes	Solution
Not operate	<ul style="list-style-type: none">• The power supply is not turned on and the plug is not firmly inserted.• Low voltage, power failure or part of the circuit tripped.	<ul style="list-style-type: none">• Insert the power cord plug firmly.• Check the power supply at home.
Light not on	<ul style="list-style-type: none">• The appliance is not powered on.• The light is broken.	<ul style="list-style-type: none">• Unplug and re-plug the power cord.• Replace the light with a new one.
Fruits or vegetables are frozen	<ul style="list-style-type: none">• Has the food been placed at the back of the fridge? The area near the back wall is where the temperatures are coldest.• Fruits or vegetables are stored in the Fresh/Chill zone.	<ul style="list-style-type: none">• Not placing food which may freeze easily at the back of the fridge compartment.• The Fresh/Chill zone is only for meat/fish.
Fridge/freezer is over-cooling	<ul style="list-style-type: none">• Temperature control is not set correctly.	<ul style="list-style-type: none">• Set the temperature higher.

Problem	Possible Causes	Solution
Compressor working for a long time	<ul style="list-style-type: none"> • High ambient temperature causing long working time. • Putting too much food in at one time. • Food is put in before it has cooled down. • Opening the door too often. • The frost layer inside is too thick. 	<ul style="list-style-type: none"> • This is normal. • Do not put too much food in at one time. • Wait until the food has cooled down before putting it in. • Do not open the door too often. • Need to defrost.
Door does not close properly	<ul style="list-style-type: none"> • Door is stuck with objects. • Too much food in. • Door gasket deformed. 	<ul style="list-style-type: none"> • Do not put in too much food. • Place the appliance stably. • Heat the door gasket, then cool it for restoration (with an electrical drier or hot water for heating).
Outer wall is hot	<ul style="list-style-type: none"> • When the appliance is operating, heat is dissipated to the outside through the metal tubes inside the cabinet. • Higher ambient temperatures in the summer cause the temperature of the outer wall to rise. 	<ul style="list-style-type: none"> • Higher temperature on the outer wall is normal. • Increase the heat dissipation space, or put the appliance in a ventilated and cool place.
Cross or vertical beams are hot	<ul style="list-style-type: none"> • There are metal tubes inside the beams, and the heat released from the tubes prevents condensation. 	<ul style="list-style-type: none"> • This is normal.
Odors	<ul style="list-style-type: none"> • Spoiled food. • Food with strong odors. • The interior compartment is dirty. 	<ul style="list-style-type: none"> • Clean and remove any spoiled food. • Make sure strong smelling food is wrapped airtight. • Clean the interior compartment.
The actual temperature differs from the set temperature	<ul style="list-style-type: none"> • When warm food is put in, the temperature will rise temporarily. • After setting a new temperature, it will take some time for the temperature in the compartment to reach the set temperature when the door is not opened. • After the temperature stability, the actual temperatures at different locations within the compartment are different, with a deviation of about 337.4°F. 	<ul style="list-style-type: none"> • This is normal. • Wait for some time before testing the actual temperature.
Condensation forms on the outside	<ul style="list-style-type: none"> • Condensation may form when the humidity in the room is high. 	<ul style="list-style-type: none"> • This is normal. Wipe off the condensation using a dry cloth.
Condensation forms inside the fridge and drawers	<ul style="list-style-type: none"> • The fridge maintains a high humidity to keep vegetables and other food items fresh. • Humidity is too high in the room and doors have been opened frequently. • The door gasket are not tight. 	<ul style="list-style-type: none"> • Wipe off the condensation using a dry cloth. • Do not open the doors as frequently or do not keep them open too long. • Check the door gasket, clean or correct position.
Frost around the vents	<ul style="list-style-type: none"> • Door is not closed properly. • The door gasket are not tight. 	<ul style="list-style-type: none"> • Make sure food does not block the door. • Check the door gasket, clean or correct position.
Hard to open the door	<ul style="list-style-type: none"> • The difference in air pressure between the inside and outside of the compartment may sometimes make it hard to open the freezer door. 	<ul style="list-style-type: none"> • Wait a few moments, and then try to open the door slowly.
Not making ice cubes (Only models with ice maker)	<ul style="list-style-type: none"> • The ice making function not turned on. • The appliance is not being supplied with water. • The water pipe has kinks in it. • The water pipe connection is installed incorrectly. • Water pressure is too low. 	<ul style="list-style-type: none"> • Switch on the ice maker. • Check whether the water supply is on. • Straighten out the kinks. • Check the water connection. • Check the pressure of the water supply, or whether the filter is clogged.

Certain sounds can be heard during normal use of the refrigerator, which do not affect its correct operation.

Sounds, which can be easily prevented:

- Noise caused by the appliance which is not level - adjust the position with the adjustable turn-in front feet. Alternatively, place pads made of soft material under the rear rollers, especially when the appliance is placed on tiles.
- Touching the adjacent piece of furniture - move the refrigerator away.
- Creaking of the drawers or shelves - take out and put back the drawer or shelf.
- Sounds of clinking bottles - move bottles apart.

Sounds heard during normal use are mainly due to operation of the compressor (switching on) and cooling system (thermal expansion and contraction of the radiator caused by flow of the cooling agent).



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